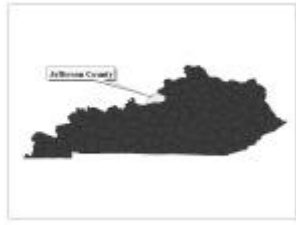


Childhood Lead Poisoning Prevention Program Jefferson County, Kentucky



Forrest Staley, MUP

Acknowledgement: Bart Brown



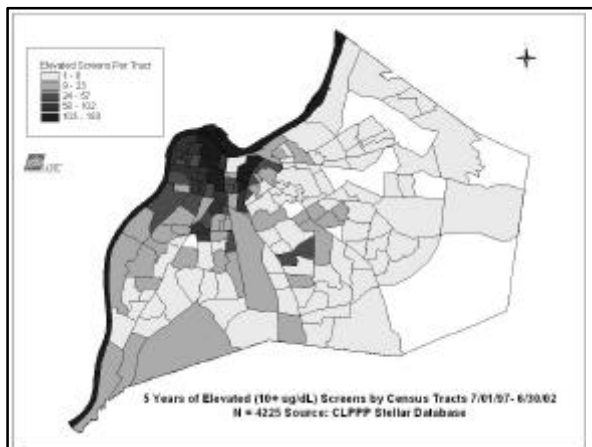
Different Ways to Look at Data Using GIS

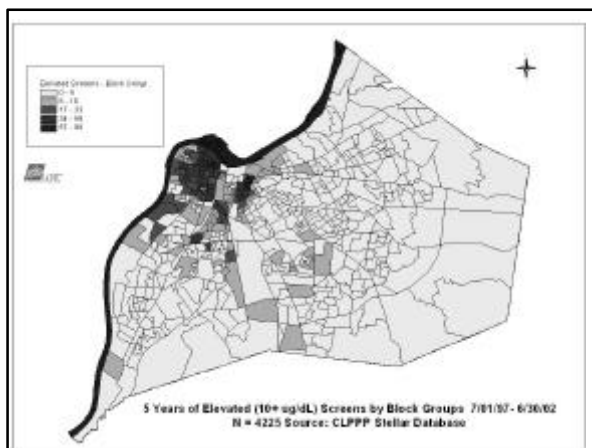
1. Surveillance
2. Modeling: A Continuous Age of Housing Prediction Model
3. A Lead-Level Predictor Model
4. Other Data Sets – Future Investigations

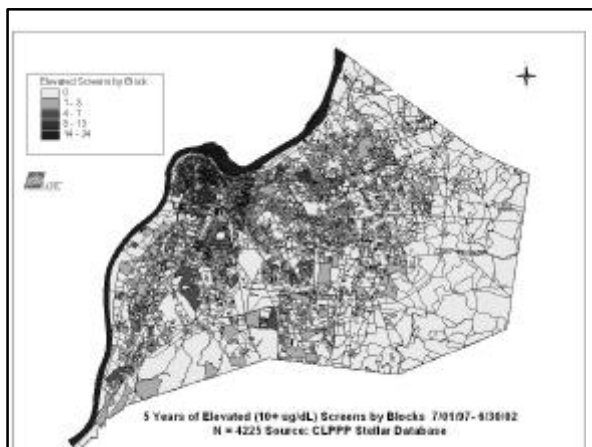
1. Surveillance

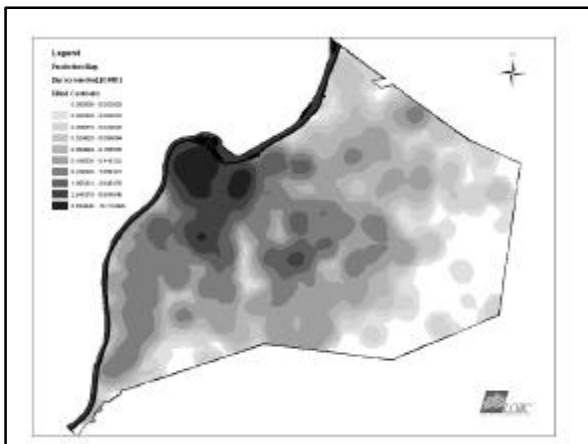
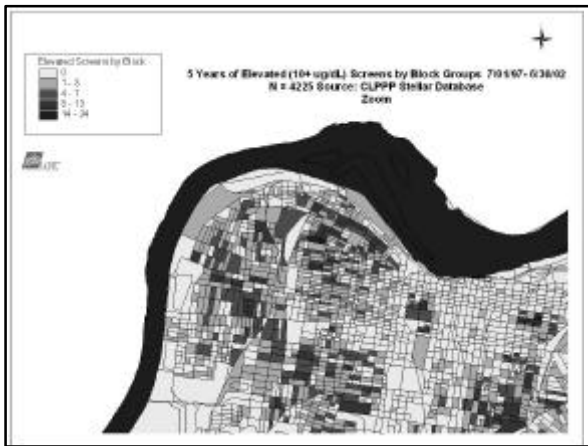
- Census Tracts
- Block Groups
- Blocks
- Continuous







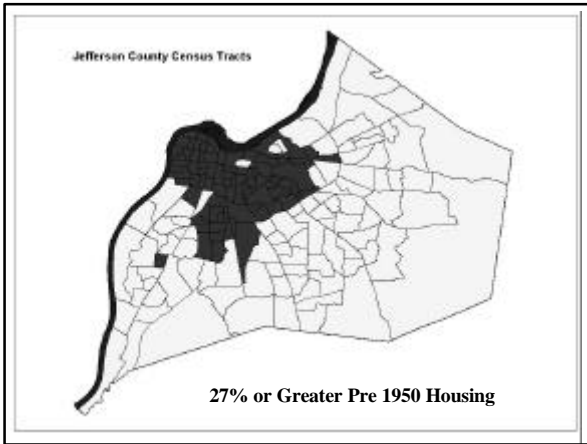


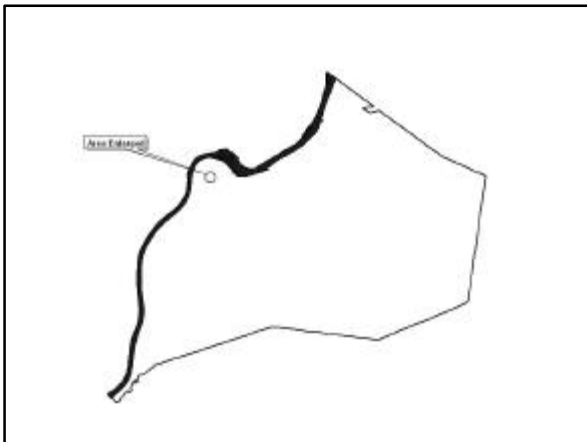


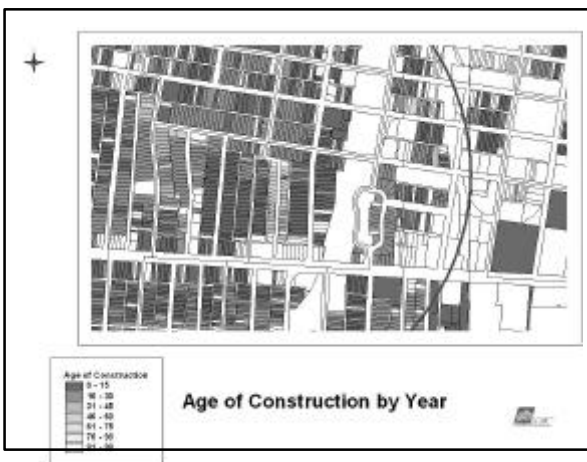
2. Housing

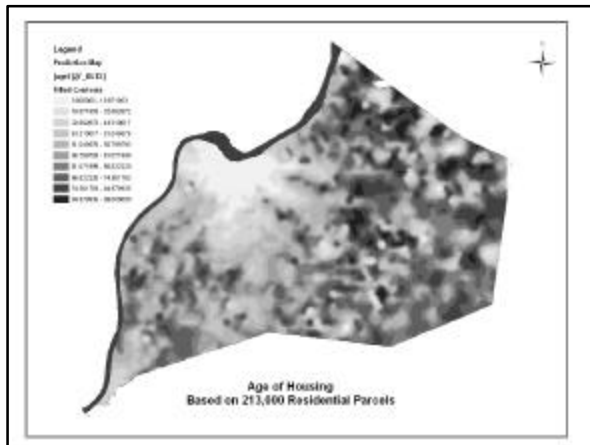
- Age of Housing
- Accessed Value of Housing (Acknowledgement: Jim Holt)

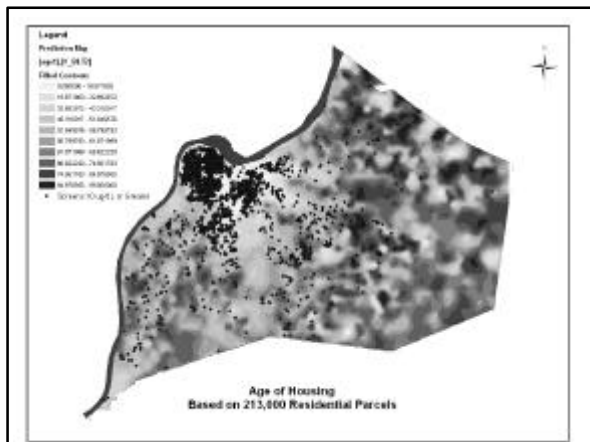
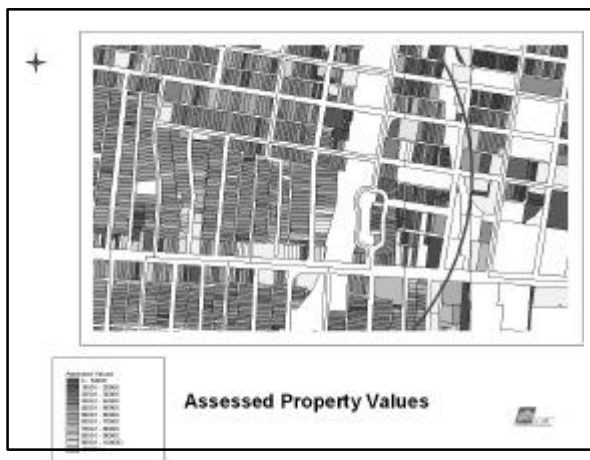


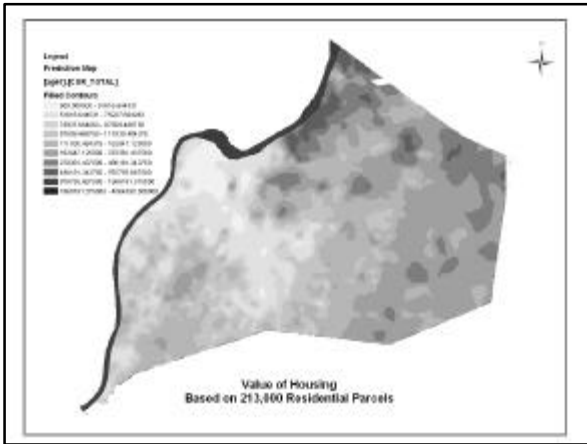


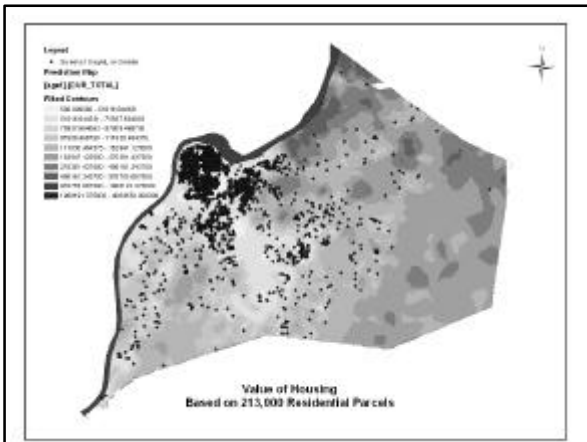






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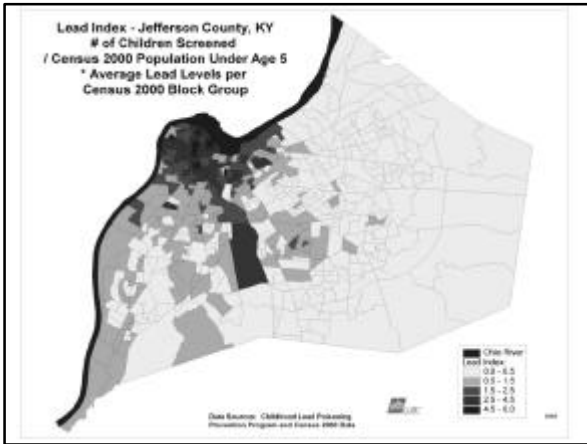


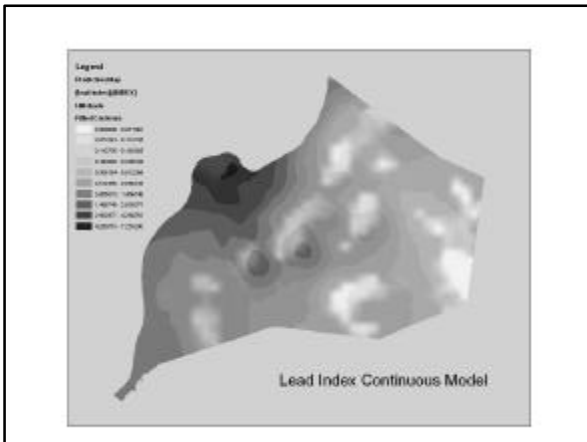


3. Lead Level Predictor Model

- Past History Screening
- Population
- Screening Penetration





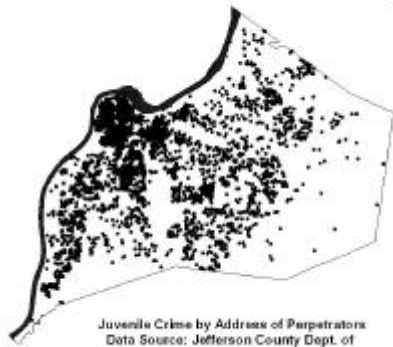


Other Data Sets

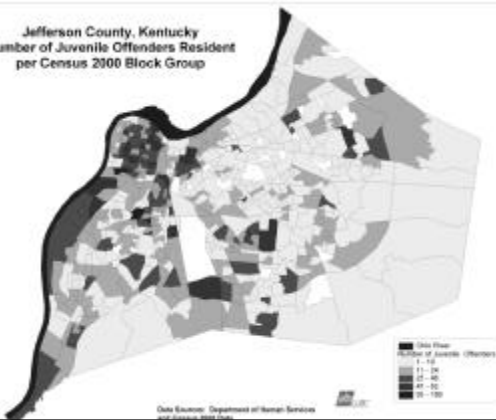
- Juvenile Crime
- School Dropouts

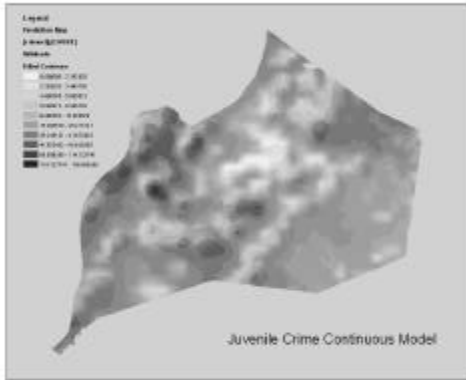
A. Juvenile Crime



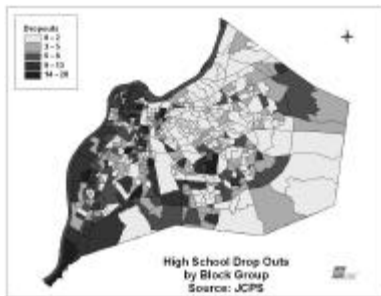


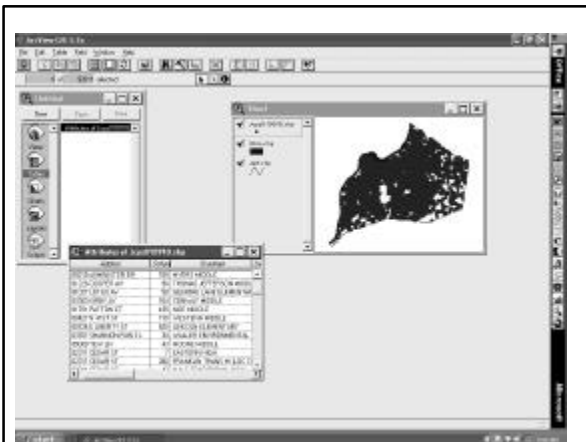
Jefferson County, Kentucky
Number of Juvenile Offenders Resident
per Census 2000 Block Group

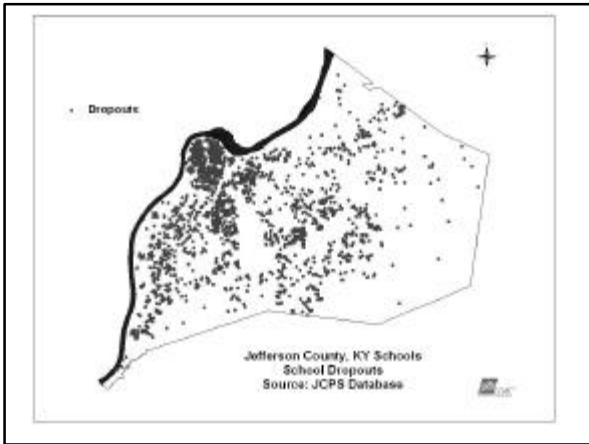


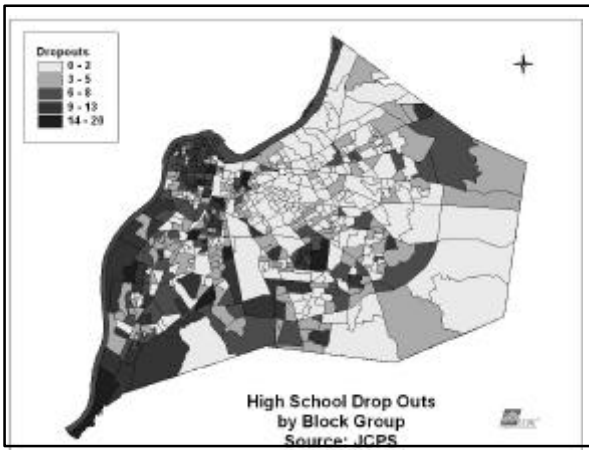


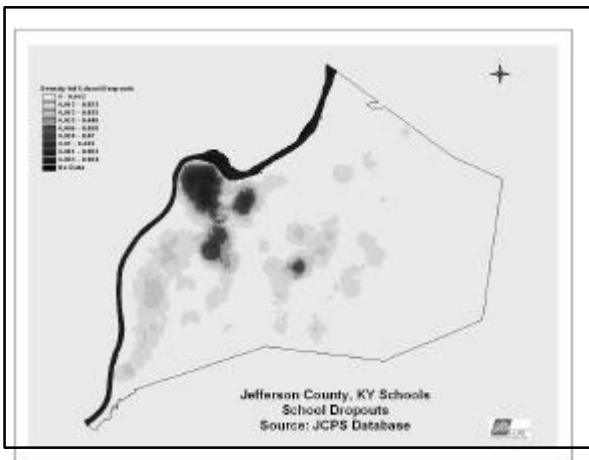
B. School Dropouts

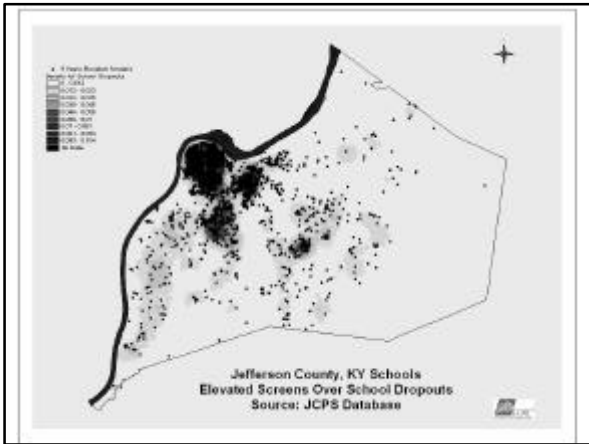












Thank You!
